

1 .  
 2 .  
 3 .  
 4 .INTEREST  
 5 .BY JESS SHADB  
 6 .FOR BLUE RAM ONLY  
 20 FOR A=0TO 165;@(A)=0;NEXT A  
 30 FOR XY=20078TO 20128STEP 2;%(XY)=0;NEXT XY  
 31 F=100;G=200  
 32 PRINT "INPUT CHOICE,PUSH GO"  
 33 PRINT "SIMPLE INTEREST=1  
 34 PRINT "COMPOUND INTEREST=2  
 35 PRINT "MORTGAGE=0  
 36 INPUT S;CLEAR  
 37 IF S=1P=7000;GOTO 75  
 38 IF S=2P=5000;GOTO 75  
 39 P=5000  
 40 @(116)=1;@(134)=1;@(46)=1  
 49 CLEAR .  
 50 PRINT "MORTGAGE AMOUNT  
 51 GOSUB 3030  
 50 IF S=0PRINT ;PRINT "INPUT YEARS,THEN PRESS GO";INPUT Y  
 70 CLEAR ;PRINT "RUNNING";RETURN  
 75 @(98)=2;@(99)=1;@(134)=1;PRINT "LOAN AMOUNT";PRINT ;GOSUB 3030  
 100 CX=-32;Z=1;FOR B=RT0 SSTEP -1;IF @(B)="0"IF ZGOTO 130  
 109 IF V=0PRINT "\$";;U=1  
 110 Z=0  
 120 TU=@(B)  
 121 IF (B=11)+(B=29)+(B=47)+(B=65)+(B=83)+(B=101)+(B=119)+(B=136)+(B=155)PRINT  
 .,  
 130 NEXT B  
 140 V=0;RETURN  
 200 PRINT ".,";FOR B=TTO USTEP -1;TU=@(B);NEXT B;PRINT ;V=0;RETURN  
 500 IF E<2N=7  
 510 IF E=2N=25  
 520 IF E=3N=61  
 530 FOR I=1TO B  
 540 @(N+A)=@(165+J)  
 550 A=A-1;J=J+1  
 560 NEXT I  
 561 @(46)=1  
 570 IF E=2IF (@(26))+(@(27))+(@(28))>0\$c@(18),@(36),@(18)  
 580 A=0;B=0;C=0;J=0;PRINT ;RETURN  
 1999 CALL24576  
 >CALL24576  
 BR>CALL24576;LIST 3030  
 3030 CX=-30;CY=-8  
 3040 K=KP  
 3041 IF K=31B=B-1;A=A-1;H=CX;TU=31;TV=13;CX=H-6;CY=CY+8;GOSUB 3040\*  
 3042 IF K=36TU=K;GOSUB 3040\*  
 3043 IF K=37TU=K;GOSUB 3040\*  
 3044 IF S>0IF K=13GOSUB 3040\*  
 3045 IF K=44TU=K;GOSUB 3040\*  
 3050 IF K=46C=1;TU=46;GOSUB 3040\*  
 3060 IF K=73E=1;GOSUB 500;PRINT "INPUT INTEREST RATE,THEN";PRINT "PRESS T";PRINT  
 ;CX=-20;GOSUB 3040\*  
 3070 IF K=84E=2;GOSUB 500;PRINT "INPUT YEARS,THEN";PRINT "PRESS P";CX=-20;GOSUB

10 Clear

```

3040*
3080 IF K=80E=3;GOSUB 500;GOSUB 60;GOSUB P*
3090 IF K=6?STOP
3100 TV=K
3110 @(165+B)=K
3120 B=B+1
3130 IF C=1IF E=0U=U+1;IF U=2K=73;GOSUB 3060*
3140 IF C=8A=A+1
3150 GOSUB 3040*
5000 $+@(108),@(18),@(108)
5020 $+@(108),@(90),@(90)
5030 $-@(54),@(126),@(54)
5040 IF @(63)+@(64)+@(62)<145GOSUB 5060*
5050 $b@(90),@(108),@(90);GOSUB 5030*
5060 $c@(126),@(90),@(108)
5065 FOR A=90TO 109;@A)=0;NEXT A
5070 $-@(126),@(108),@(108)
5080 $c@(108),@(18),@(108)
5090 $c@(126),@(108),@(108)
5100 @(134)=2;@(135)=1
5110 $b@(0),@(108),@(108)*
5121 CX=-36
5130 PRINT "MONTHLY PAYMENT"
5140 $e@(108),@(126),@(144);R=160;S=152;GOSUB F;T=151;U=150;GOSUB G
5150 $b@(0),@(18),@(72)
5160 $+@(72),@(90),@(90)
5170 CX=-40
5180 M=M+1;PRINT #3,M,"YEAR",;IF M>1PRINT "S"
5181 PRINT
5190 PRINT " :INTEREST PAID THIS YEAR";R=88;S=80;GOSUB F;T=79;U=78;GOSUB G
5200 PRINT "MORTGAGE REDUCTION"
5210 $-@(108),@(72),@(36);R=53;S=44;GOSUB F;T=43;U=42;GOSUB G
5220 PRINT "TOTAL INTEREST PAID"
5230 R=106;S=98;GOSUB F;T=97;U=96;GOSUB G
5240 PRINT "MORTGAGE BALANCE"
5250 $-@(0),@(36),@(0);R=17;S=8;GOSUB F;T=7;U=6;GOSUB G
5270 Y=Y-1;IF Y=0STOP
5280 GOSUB 5130*
5300 STOP
6000 $b@(54),@(90),@(90)
6002 FOR Q=36TO 53;@Q)=0;NEXT Q
6005 $+@(0),@(36),@(36)
6010 $b@(0),@(18),@(144)
6015 $+@(0),@(144),@(0)
6020 $-@(54),@(126),@(54)
6030 IF @(62)+@(63)+@(64)<145GOSUB 6050*
6040 GOSUB 6010*
6050 PRINT "INTEREST+LOAN";R=17;S=8;GOSUB F;T=7;U=6;GOSUB G
6051 PRINT
6060 V=1;PRINT "NUMBER OF PAYMENTS";R=107;S=98;GOSUB F;T=97;U=96;GOSUB G
6065 PRINT
6070 PRINT "MONTHLY PAYMENTS"
6080 $c@(0),@(90),@(90);GOSUB F;T=97;U=96;GOSUB G
6090 PRINT "INTEREST PAID"
6100 $-@(0),@(36),@(90);R=107;S=98;GOSUB F;T=97;U=96;GOSUB G
6110 STOP
7000 $b@(54),@(90),@(90)
7005 CX=-45

```

7010 \$b@(0),@(18),@(36);PRINT "YEARLY INTEREST";R=53;S=44;GOSUB F;T=43;GOSUB G  
7020 \$b@(54),@(36),@(36)  
7030 \$+@(0),@(36),@(36);PRINT "LOAN+INTEREST";GOSUB F;GOSUB G  
7040 R=107;S=98;T=97;U=96;V=1;PRINT "NUMBER OF PAYMENTS";GOSUB F;PRINT  
7050 \$c@(36),@(90),@(90);PRINT "MONTHLY PAYMENT";GOSUB F;GOSUB G  
7060 \$-@(36),@(0),@(90);PRINT "INTEREST PAID";GOSUB F;GOSUB G  
BR>